

START

ENGINEERING CHANGE NOTICE

Page 1 of 2

1. ECN 174170

Proj.
ECN

2. ECN Category (mark one)

Supplemental ☐
 Direct Revision ☒
 Change ECN ☐
 Temporary ☐
 Supersedure ☐
 Discovery ☐
 Cancel/Void ☐

3. Originator's Name, Organization, MSIN, and Telephone No.

B.M. BARNES, 8112, H4-57, 6-3640

4. Date

08/27/92

5. Project Title/No./Work Order No.

A34AA
ENHANCED RADIOACTIVE AND MIXED
WASTE PHASE V CDR

6. Bldg./Sys./Fac. No.

PROJECT W-112
PHASE V BUILDING

7. Impact Level

JES

8. Document Number Affected (include rev. and sheet no.)

WHC-SD-W112-CDR-001, REV. 0A N/A

9. Related ECN No(s).

10. Related PO No.

N/A

11a. Modification Work

☐ Yes (fill out Blk. 11b)
☒ No (NA Blks. 11b, 11c, 11d)

11b. Work Package Doc. No.

N/A

11c. Complete Installation Work

N/A

Cog. Engineer Signature & Date

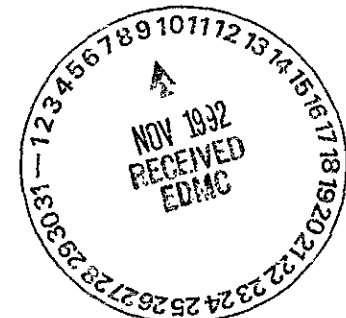
11d. Complete Restoration (Temp. ECN only)

N/A

Cog. Engineer Signature & Date

12. Description of Change

ADDED PAGE (vi) TO THE WHC-SD-W112-CDR-001, REV. 0 THAT
 IDENTIFIES TRADENAMES USED IN THE DOCUMENT.



13a. Justification (mark one)

Criteria Change ☒
 Design Improvement ☐
 Environmental ☐
 As-Found ☐
 Facilitate Const. ☐
 Const. Error/Omission ☐
 Design Error/Omission ☐

13b. Justification Details

THIS PAGE WAS ADDED PER DIRECTION
 OF WHC LEGAL COUNSEL

14. Distribution (include name, MSIN, and no. of copies)

TM Greager G6-47 JP Stout T4-10
 SR Briggs G6-47 RG Gierger R1-01
 JR McGee G6-47 KL Hladek H2-58
 PA Worden R3-20 KD Johnson H2-58
 SM McKinney T1-30 NJ Capron T3-02
 AV Lincoln S2-62 DB Powell T3-02
 MD Aichele T4-01 JG Riddelle H2-58
 DJ Hay T4-01 LH Rosson H5-25
 JW Gideon T4-01 M. Hayward H5-28

(See att.)

RELEASE STAMP

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 DATE AUG 28 1992

Sta. 21

FG Cain NI-83 WRAP DMC G6-51
 Central Files L8-04 KEH - TP Hovdahl E6-40
 WR Brooksher L4-01 JJ Dorian B2-16

9 1 1 2 9 0 0 : 0 6 2

ENGINEERING CHANGE NOTICE

Page 2 of 2

1. ECN (use no. from pg. 1)

17417015. Design Verification
Required☐ Yes☒ No16. Cost Impact N/A
ENGINEERINGAdditional ☐ \$ _____Savings ☐ \$ _____

CONSTRUCTION

Additional ☐ \$ _____Savings ☐ \$ _____

17. Schedule Impact (days)

N/AImprovement ☐ _____Delay ☐ _____18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19. NONE

SDD/DD	<input type="checkbox"/>	Seismic/Stress Analysis	<input type="checkbox"/>	Tank Calibration Manual	<input type="checkbox"/>
Functional Design Criteria	<input type="checkbox"/>	Stress/Design Report	<input type="checkbox"/>	Health Physics Procedure	<input type="checkbox"/>
Operating Specification	<input type="checkbox"/>	Interface Control Drawing	<input type="checkbox"/>	Spares Multiple Unit Listing	<input type="checkbox"/>
Criticality Specification	<input type="checkbox"/>	Calibration Procedure	<input type="checkbox"/>	Test Procedures/Specification	<input type="checkbox"/>
Conceptual Design Report	<input type="checkbox"/>	Installation Procedure	<input type="checkbox"/>	Component Index	<input type="checkbox"/>
Equipment Spec.	<input type="checkbox"/>	Maintenance Procedure	<input type="checkbox"/>	ASME Coded Item	<input type="checkbox"/>
Const. Spec.	<input type="checkbox"/>	Engineering Procedure	<input type="checkbox"/>	Human Factor Consideration	<input type="checkbox"/>
Procurement Spec.	<input type="checkbox"/>	Operating Instruction	<input type="checkbox"/>	Computer Software	<input type="checkbox"/>
Vendor Information	<input type="checkbox"/>	Operating Procedure	<input type="checkbox"/>	Electric Circuit Schedule	<input type="checkbox"/>
OM Manual	<input type="checkbox"/>	Operational Safety Requirement	<input type="checkbox"/>	ICRS Procedure	<input type="checkbox"/>
FSAR/SAR	<input type="checkbox"/>	IEFD Drawing	<input type="checkbox"/>	Process Control Manual/Plan	<input type="checkbox"/>
Safety Equipment List	<input type="checkbox"/>	Cell Arrangement Drawing	<input type="checkbox"/>	Process Flow Chart	<input type="checkbox"/>
Radiation Work Permit	<input type="checkbox"/>	Essential Material Specification	<input type="checkbox"/>	Purchase Requisition	<input type="checkbox"/>
Environmental Impact Statement	<input type="checkbox"/>	Fac. Proc. Samp. Schedule	<input type="checkbox"/>		<input type="checkbox"/>
Environmental Report	<input type="checkbox"/>	Inspection Plan	<input type="checkbox"/>		<input type="checkbox"/>
Environmental Permit	<input type="checkbox"/>	Inventory Adjustment Request	<input type="checkbox"/>		<input type="checkbox"/>

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below. NONE

Document Number/Revision

Document Number/Revision

Document Number/Revision

20. Approvals

Signature

Date

Signature

Date

OPERATIONS AND ENGINEERINGARCHITECT-ENGINEERCog./Project Engineer B.M. Barnes 08/27/92

PE _____

Cog./Project Engr. Mgr. DC Dorman 8/27/92

QA _____

QA [Signature] 8-27-92

Safety _____

Safety [Signature] 8-27-92

Design _____

Security _____

Other _____

Proj. Prog./Dept. Mgr. _____

Def. React. Div. _____

Chem. Proc. Div. _____

Def. Wst. Mgmt. Div. _____

Adv. React. Dev. Div. _____

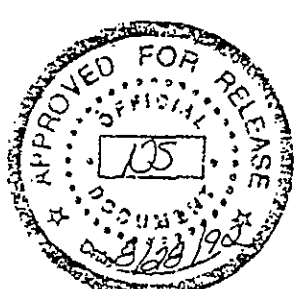
Proj. Dept. _____

Environ. Div. ASSURANCE [Signature] 8/27/92ADDITIONAL

IRM Dept. _____

Facility Rep. (Ops) _____

Other _____

Date Received: 8/28/92 WJS		INFORMATION RELEASE REQUEST		Reference: WHC-CM-3-4	
Complete for all Types of Release					
Purpose <input type="checkbox"/> Speech or Presentation <input type="checkbox"/> Full Paper (Check only one suffix) <input type="checkbox"/> Summary <input type="checkbox"/> Abstract <input type="checkbox"/> Visual Aid <input type="checkbox"/> Speakers Bureau <input type="checkbox"/> Poster Session <input type="checkbox"/> Videotape			<input type="checkbox"/> Reference <input type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flier <input type="checkbox"/> Software/Database <input type="checkbox"/> Controlled Document <input checked="" type="checkbox"/> Other RCRA Compliance		
			ID Number (include revision, volume, etc.) WHC-SD-W112-CDR-001, Rev. 0A (DOE-RL-91-17, Rev 0) List attachments: ECN 174170		
			Date Release Required 03/31/92		
Title Radioactive Mixed Waste Storage Facility Dangerous Waste Permit Application				Unclassified Category UC-630,721	
New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes Disclosure No(s).				Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)	
Copyrights? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)				Trademarks? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Identify) Kwik-Bolt II by Hilti. Trademarks called out in document	
Complete for Speech or Presentation					
Title of Conference or Meeting N/A			Group or Society Sponsoring N/A		
Date(s) of Conference or Meeting N/A		City/State N/A		Will proceedings be published? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Will material be handed out? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Title of Journal N/A					
CHECKLIST FOR SIGNATORIES					
Review Required per WHC-CM-3-4 Yes No Reviewer - Signature Indicates Approval					
		Name (printed) Signature Date			
Classification/Uncontrolled	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Patent - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SW BERGLIN <i>[Signature]</i> 7/15/92		
Legal - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BD Williamson <i>[Signature]</i> 7/15/92		
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
WHC Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	M. M. McCarthy <i>[Signature]</i> 30 July 92		
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
RL Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	R. F. Guercia <i>[Signature]</i> 7/30/92		
Publication Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L. Hermann <i>[Signature]</i> 8/28/92		
Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Information conforms to all applicable requirements. The above information is certified to be correct.					
References Available to Intended Audience <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Transmit to DOE-HQ/Office of Scientific and Technical Information <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Author/Requestor (Printed/Signature) Date B. M. Barnes <i>[Signature]</i> July 14, 92			INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP Stamp is required before release. Release is contingent upon resolution of mandatory comments.		
Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External Responsible Manager (Printed/Signature) Date R. C. Bowman <i>[Signature]</i> 7/14/92					
			Date Cancelled Date Disapproved		

SUPPORTING DOCUMENT

1. Total Pages 259

2. Title ENHANCED RADIOACTIVE AND MIXED WASTE STORAGE PHASE V	3. Number WHC-SDW112-CDR-001	4. Rev. No. 0-A
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5. Key Words Automated Stacker Retriever System, Box Storage, Drum Storage, Low-Level Class 3, Transuranic, TRU, Storage, Central Waste Support Complex, Changerooms, Maintenance Shop, WRAP, Phase V Storage	6. Author BM Barnes Name (Type or Print) <u>Brett M. Barnes</u> Signature Organization/Charge Code <u>B1172/A3AAA</u>
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7. Abstract

Project W-112 will provide infrastructure improvements to support development of facilities in the Hanford Central Waste Complex, development of the Central Waste Support Complex, and provides storage space for 27,000 drum equivalents of transuranic, Low-Level, and Low-Level Mixed Waste. This supports Waste Receiving and Processing (WRAP) facilities and provides special storage for newly generated ignitable and potentially ignitable suspect transuranic waste.

APPROVED FOR
PUBLIC RELEASE

8/28/92 *W. Blair*

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9. Impact Level

3ES

10. RELEASE STAMP

OFFICIAL RELEASE
BY WHC
DATE AUG 28 1992

Sta: 21

RECORD OF
REVISION

(1) Document Number
WHC-SD-W112-CDR-001

Page 1

(2) Title

Enhanced Radioactive and Mixed Waste Storage Phase V

CHANGE CONTROL RECORD

(3) Revision

(4) Description of Change - Replace, Add, and Delete Pages

Authorized for Release

(5) Cog./Proj. Engr.

(6) Cog./Proj. Mgr.

Date

0-ARS

EDT-152205, dtd. 6/8/92
Add page (vi) which will identify tradenames used in the Enhanced Radioactive and Mixed Waste Storage Phase V Conceptual Design Report

BM Barnes
BM Barnes

RC Bowman

RC Bowman

8/27/92

93129002056

LIST OF TRADENAMES/TRADEMARKS

Racor (switch)	- Abex Corporation
Kwik-bolt	- Hilti Corporation
Chromolox	- Emerson Electric Company
Kevlar	- E.I. DuPont de Nemours and Company
FoDuct	- Innerduct Company
Teflon	- E.I. DuPont de Nemours and Company

9 3 1 2 9 0 0 0 7

BD-7600-062 (08/91) WEF074 Part 2

DISTRIBUTION SHEET

To:
DISTRIBUTIONFrom:
TM GREAGERDate:
June 8, 1992

Project Title/Work Order:

W-112 ENHANCED RADIOACTIVE AND MIXED WASTE STORAGE PHASE V

EDT No.: 152205 *shd*

ECN No.: 174170

Name	MSIN	With Attachment	EDT/ECN & Comment	EDT/ECN Only
TM GREAGER	G6-47	X		
SR BRIGGS	G6-47	X		
JR MGEE	G6-47	X		
PA WORDEN	R3-20	3		
SM MCKINNEY	T1-30	X		
AV LINCOLN	S2-62	X		
MD AICHELE	T4-01	X		
DJ HAY	T4-01	X		
JW GIDEON	T4-10	X		
JP STOUT	T4-10	X		
RG GIEGER	R1-01	X		
KL HLADEK	H2-58	X		
KD JOHNSON	H2-58	3		
NJ CAPRON	T3-02	X		
DB POWELL	T3-02	X		
JG RIDDELLE	H2-58	X		
LH ROSSON	H5-25	X		
ML HAYWARD	H2-58	X		
BM BARNES	H4-57	X		
FG CAIN	N1-83	X		
WRAP DMC	G6-51	10		
CENTRAL FILES	L8-04	ORIG+3		
KEH - TP HOVDAHL	E6-40	10		
WR BROOKSHER	L4-01	X		
JJ DORIAN	B2-16	X		
IRA CLEARANCE	H4-17	X		